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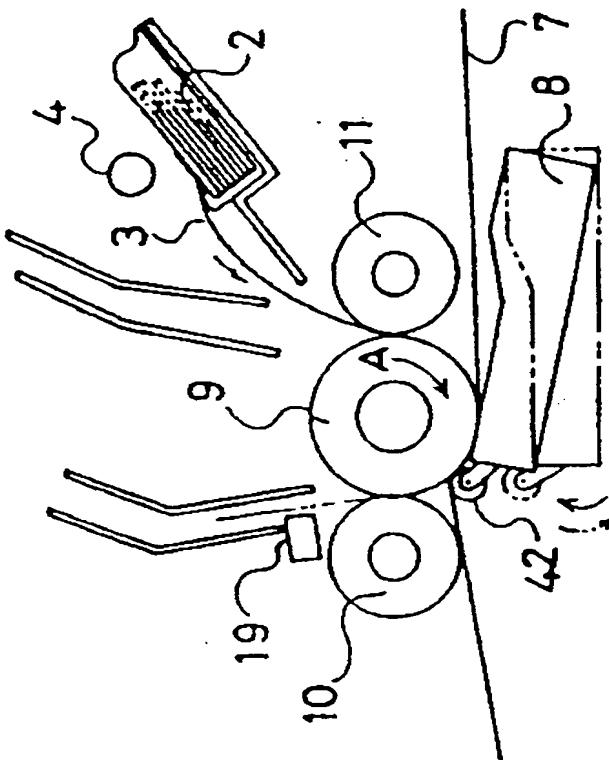
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TITLE : THERMAL PRINTER



ABSTRACT : PURPOSE: To enable a paper to be fed without slippage on a platen roller, by providing one-way clutches by which a pinch roller located on the backward side with respect to the moving direction of the paper is rotated at a circumferential velocity greater than that of a platen roller according to the ratio of rotation thereof.

CONSTITUTION: When a platen roller 9 is rotated in the direction of an arrow A to supply a paper, the circumferential velocity of a pinch roller 10 on the paper-discharging side is made to be greater than that of the platen roller 9, due to engagement of a gear 31 fitted to an end of a shaft for the roller 10 with a gear 33 fitted to an end of shaft for the roller 9, according to the gear ratio of the gears. At this time, a pinch roller 11 on the paper-supplying side is driven by the platen roller 9 due to slippage of a one-way clutch 29. On the other hand, when the platen roller 9 is rotated in the direction of an arrow B to feed the paper backward, a gear 32 fitted to an end of a shaft for the pinch roller 11 is engaged with the gear fitted to the end of the shaft for the platen roller 9, and the roller 11 is rotated at a circumferential velocity greater than that of the roller 9 according to the gear ratio of the gears. At this time, the pinch roller 10 on the paper-discharging side is driven following the platen roller 9 due to the slippage of a one-way clutch 30 provided between the shaft for the roller 10 and the gear 32.

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